General arrangement
S.S. "J. B. Hunt"

Phl 3382

[illegible] OF SHIPPING
[illegible]IVED
13 SEP 1919
LONDON

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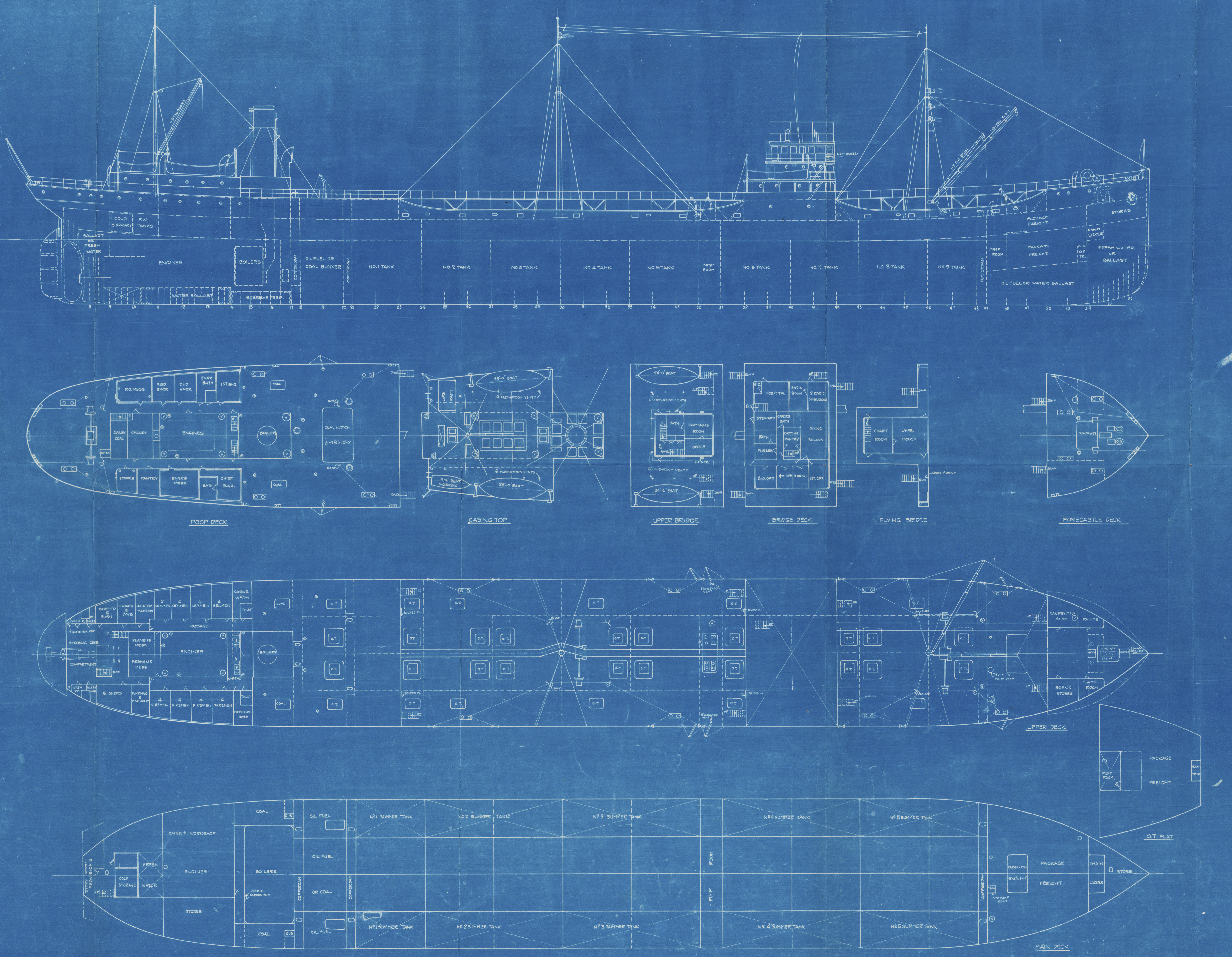
Lloyd's Register
Foundation

007834-007845-0195

ALTERATIONS

NO.	DATE	DESCRIPTION	APPROVED



BALLAST OR FRESH WATER
COLD STORAGE
F.W. TANKS
ENGINES
BOILERS
WATER BALLAST
RESERVE FEED
OIL FUEL OR COAL BUNKER
COFFERDAM
NO. 1 TANK
NO. 2 TANK
NO. 3 TANK
NO. 4 TANK
NO. 5 TANK
PUMP ROOM
NO. 6 TANK
NO. 7 TANK
NO. 8 TANK
NO. 9 TANK
PACKAGE FREIGHT
STORES
CHAIN LOCKER
FRESH WATER OR BALLAST
OIL FUEL OR WATER BALLAST
P.O. MESS
3RD ENGR
2ND ENGR
ENGR BATH
1ST ENG
GALLEY
COAL HATCH
PANTRY
ENGRS MESS
CHIEF ENGR
COAL
28'-0" BOAT
24'-0" BOAT
HOSPITAL
STEWARD
SALOON
CHART ROOM
WHEEL HOUSE
WINDLASS
POOP DECK
CASING TOP
UPPER BRIDGE
BRIDGE DECK
FLYING BRIDGE
FORECASTLE DECK
SEAMEN
FIREMEN
CARPENTER SHOP
PAINTS
BOSN'S STORES
LAMP ROOM
UPPER DECK
PACKAGE
FREIGHT
O.T. FLAT
ENGRS WORKSHOP
OIL FUEL
OR COAL
NO. 1 SUMMER TANK
NO. 2 SUMMER TANK
NO. 3 SUMMER TANK
NO. 4 SUMMER TANK
NO. 5 SUMMER TANK
PUMP ROOM
COLD STORAGE
FRESH WATER
MAIN DECK

PRINCIPAL DIMENSIONS

LENGTH B.P.	430'-0'
BEAM MOULDED	59'-0"
DEPTH TO UPPER DK. AT SIDE	33'-3

PLAN PRINTS

PRINT NO.	DEPT.	NO. PTS.	PRINT NO.	DEPT.	NO. PTS.	PRINT NO.	DEPT.	NO. PTS.	PRINT NO.	DEPT.	NO. PTS.
	13/14		24	79	1						
1	78	1		8 apr 19							
2	78H	1	25-27	79W	3						
3	88	1		18 apr 19							
4	38	1	28	mail	1						
5-7	45	3		21 apr 19							
8-9	45T	2	29	mail	1						
10	36	1		22 apr 19							
11	65	1	30	mail	1						
12	40	1		14-MY-19							
13	33	1	31	78B	1						
14	97	1		16 Je 19							
15-17	E.F.C. MAIL	3	32	[illegible]	1						
	13 Jan 1919			18 Je 19							
18	78B	1	33	33	1						
	14 Jan 19			19 Je 19							
19	mail	1	34-36	mail	3						
	12-MR-19			23 JE-19							
20	mail	1									
	14-MR-19										
21	mail	1									
	19-MR-19										
22	Jackson	1									
	3 apr 19										
23	167	1									
	4 apr 19										

HULL DIVISION

S.S. "S. B. HUNT"

GENERAL ARRANGEMENT

SCALE—ARRANG'T = 1/16" = 1 FT.
SCALE—DETAIL = — 1 FT. DATE JAN 1919

DEL'N	TRACED	CHECKED	APPROVED
E.W.S.	E.W.S.		John [illegible]

SUN SHIPBUILDING CO.

CHESTER, PA. U.S.A.

DR. No. 13-700A-B

007834-007845-0195

Midships Section

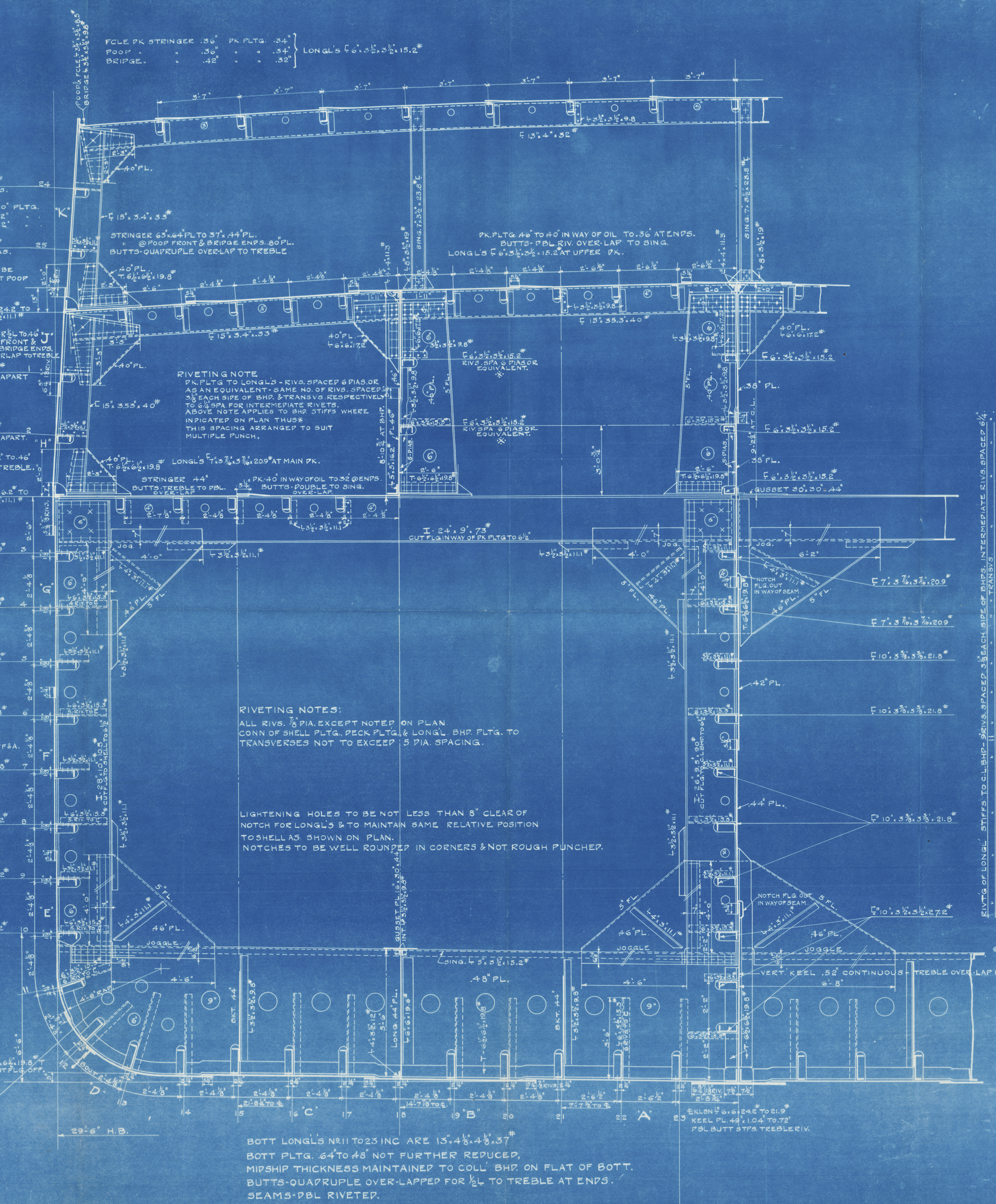
S.S. "S.B. Hunt"

PhL 3382.

For London

LLOYD'S REGISTER OF SHIPPING
RECEIVED
13 SEP 1919
LONDON

007834-007845-0194

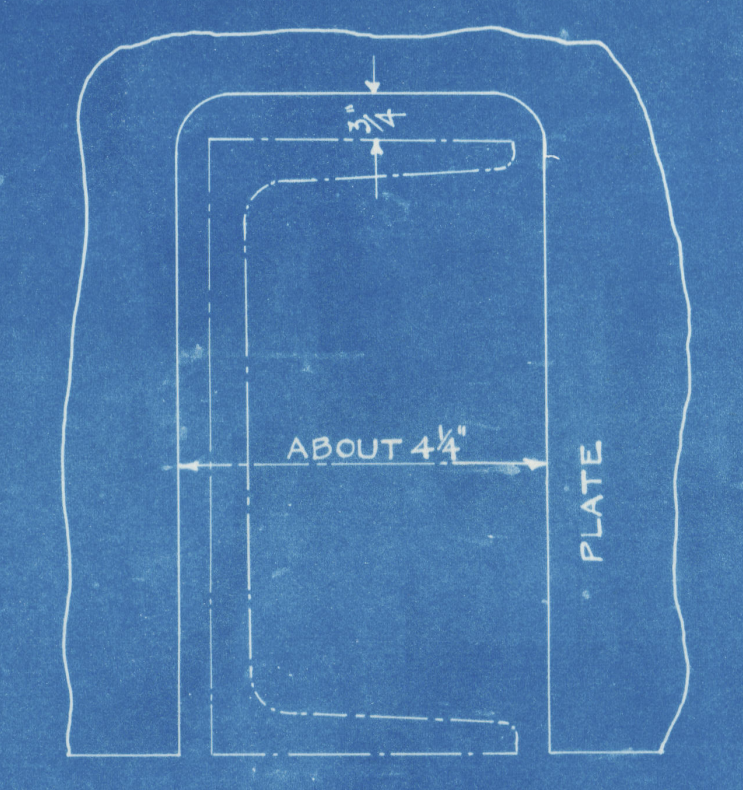


BOTT LONGL'S No. 11 TO 23 INC ARE 13"×4⅛"×4⅛"×37#
BOTT PLTG. .64" TO .48" NOT FURTHER REDUCED,
MIDSHIP THICKNESS MAINTAINED TO COLL' BHD. ON FLAT OF BOTT.
BUTTS-QUADRUPLE OVER-LAPPED FOR ½L TO TREBLE AT ENDS.
SEAMS-DBL RIVETED.

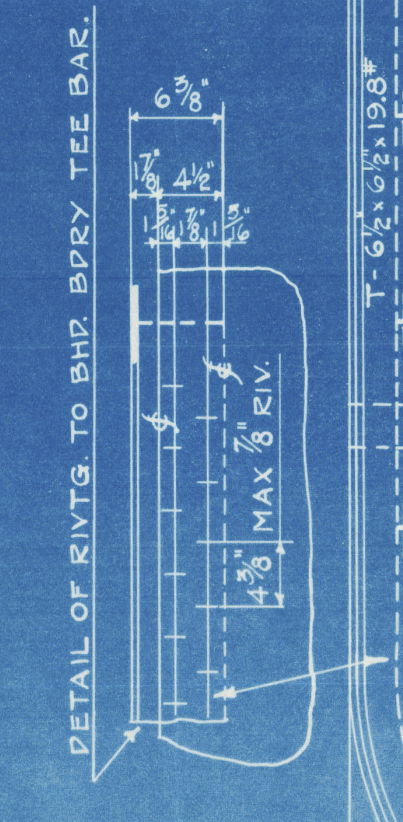
RIVT'G OF BOTTOM LONGL'S TO SHELL {11 RIVS. SPACED 3⅛" EACH SIDE OF BHDS, INTERMEDIATE RIVS. SPACED 6¼". / 13 " " " " " TRANSVS, " " " ".

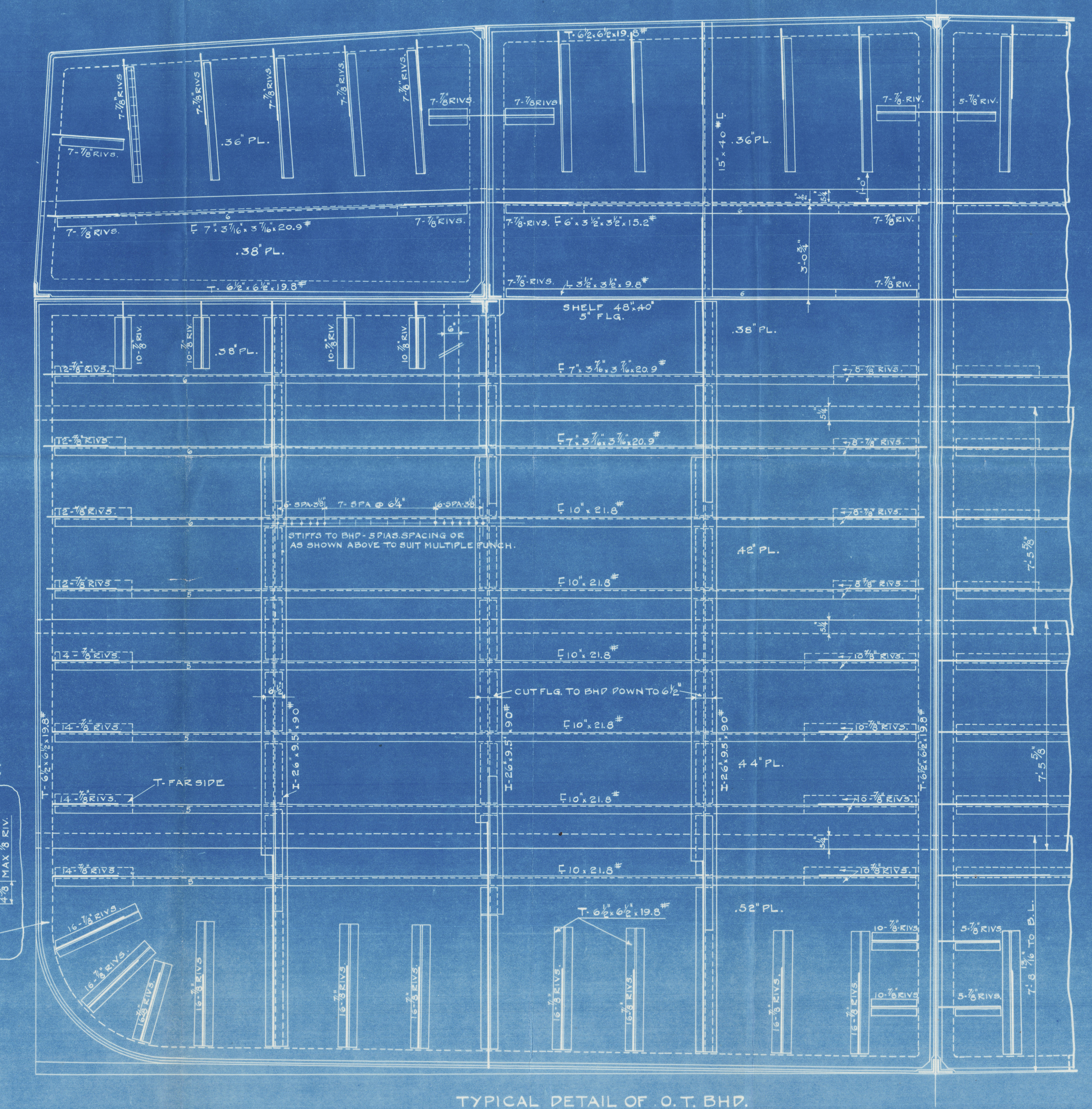
RIVETING NOTES:
ALL RIVS. ⅞" DIA. EXCEPT NOTED ON PLAN.
CONN OF SHELL PLTG., DECK PLTG., & LONG'L. BHD. PLTG. TO TRANSVERSES NOT TO EXCEED 5 DIA. SPACING.

LIGHTENING HOLES TO BE NOT LESS THAN 8" CLEAR OF NOTCH FOR LONGL'S & TO MAINTAIN SAME RELATIVE POSITION TO SHELL AS SHOWN ON PLAN.
NOTCHES TO BE WELL ROUNDED IN CORNERS & NOT ROUGH PUNCHED.



DETAIL OF NOTCH FOR CHANNELS.

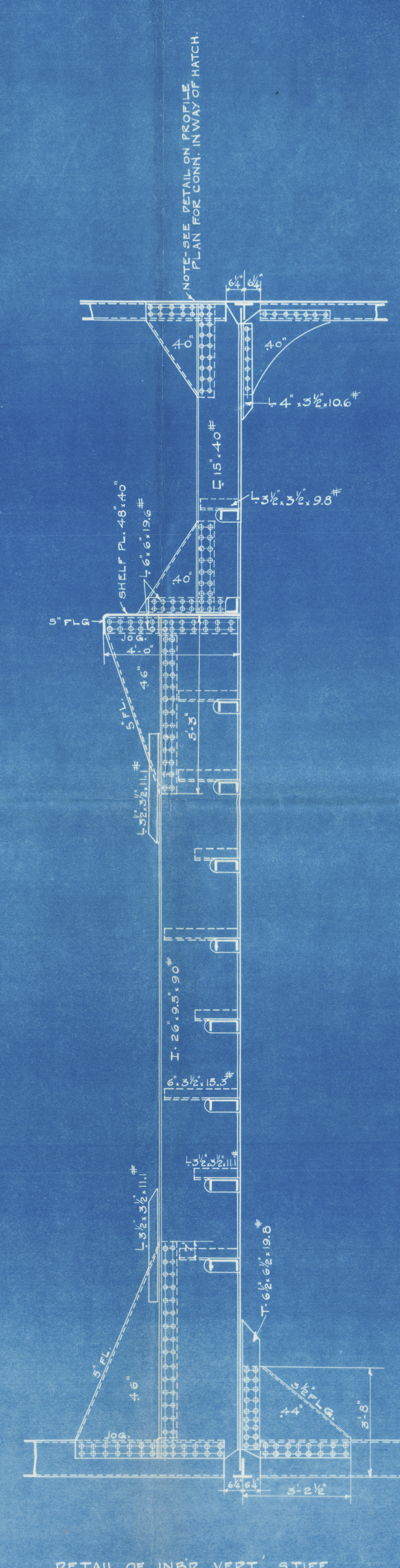




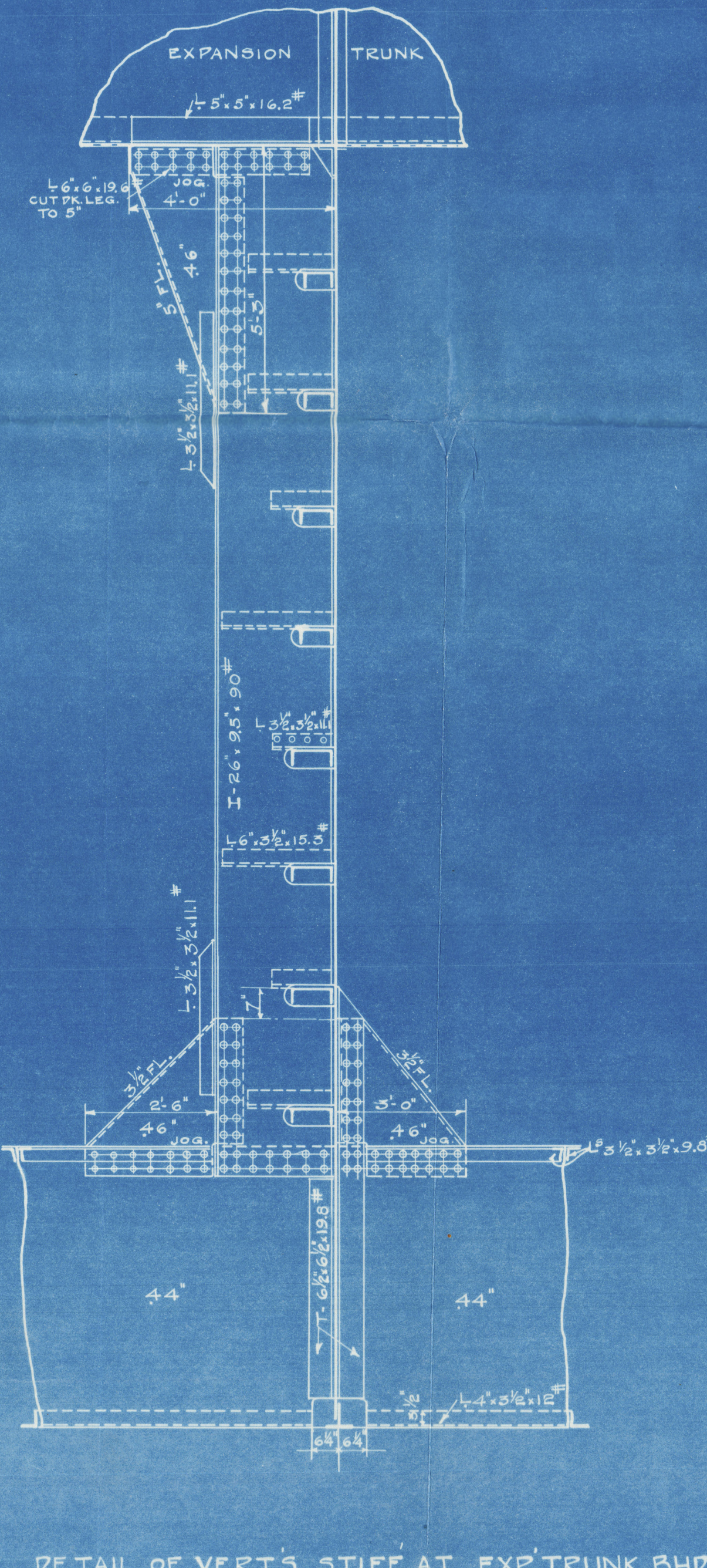
TYPICAL DETAIL OF O. T. BHD.

BKT. PL. NOTES:
BKT. PLS. AT BOTTOM, AT BILGE, AND ALL TAKING 10 RIVS. OR MORE TO HAVE INNER EDGE FLANGED.
RIVETS IN BKT PLS TO BE SPACED NOT LESS THAN 3⅛"
ALL LONG'L BKT PLS TO BE .44" THICK BELOW MAIN DK.
ALL LONG'L BKT. PLS TO BE .40" THICK ABOVE MAIN DK.

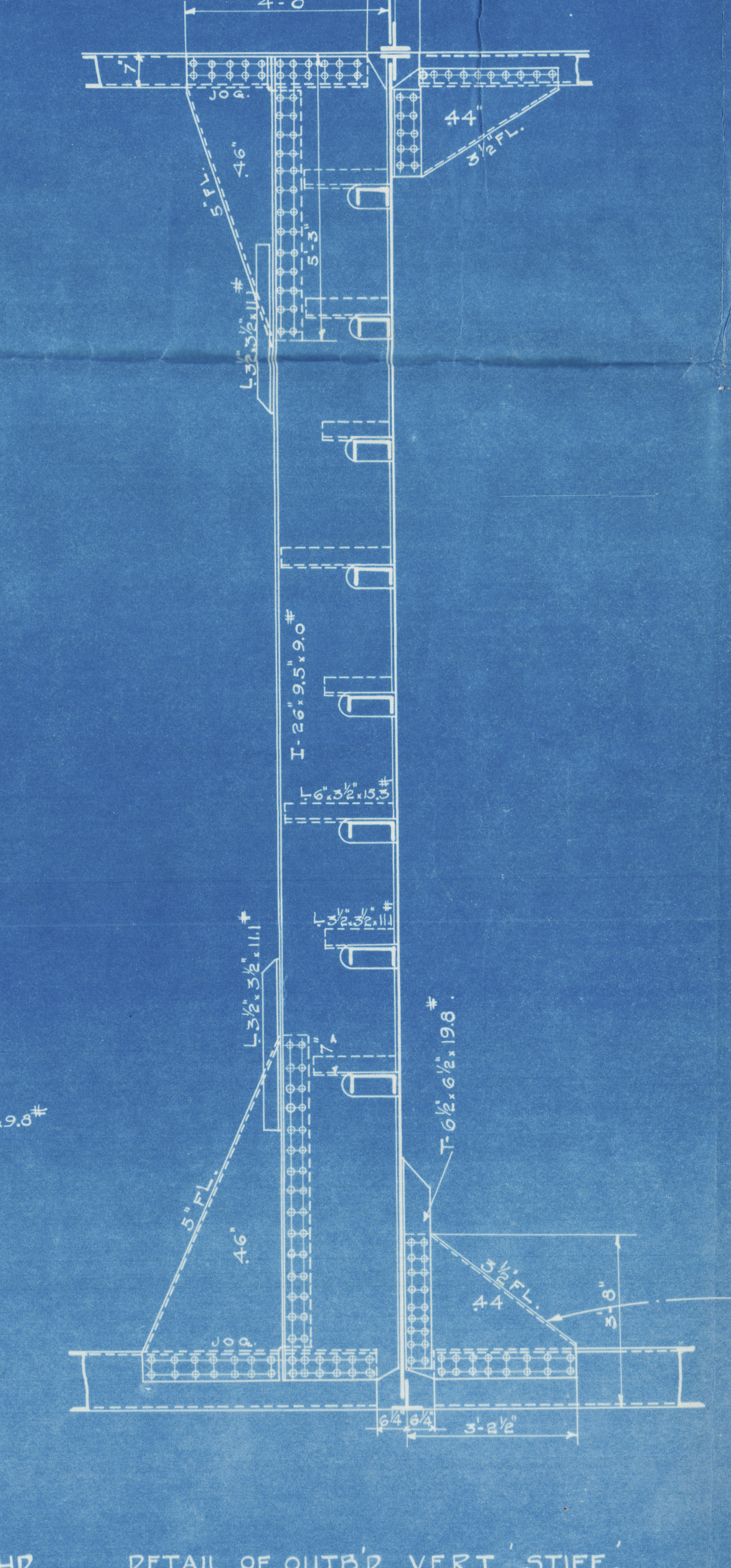
RIVETING NOTES:
ALL RIVS. TO BE ⅞" DIA.
BHD. BDRY BARS TO PLT'G. 5 DIA. SPACING.
HORIZONTAL STIFFS TO PLTG. AS NOTED ON PLAN.
VERT. WEB. STIFFS TO PLT'G. 5 DIA. SPACING.
SEAMS & BUTTS 3½ DIA. SPACING.



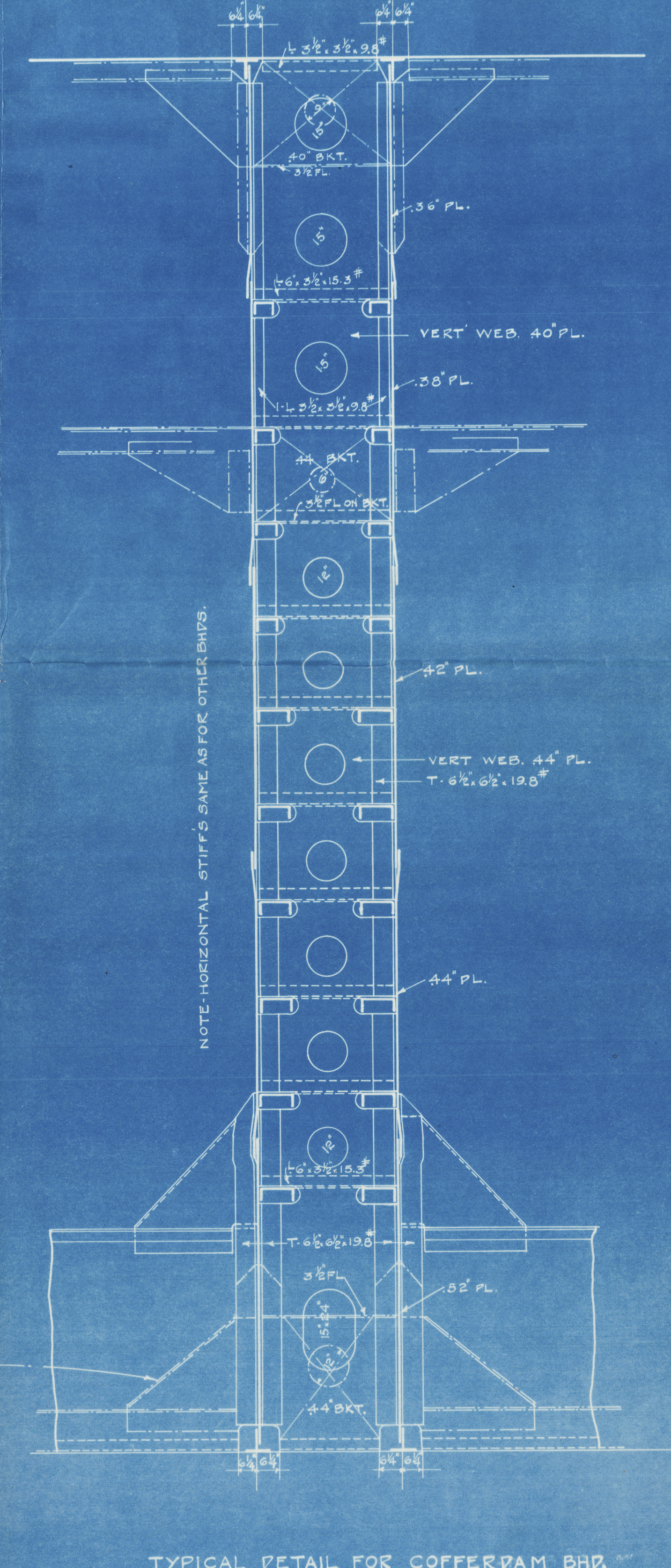
DETAIL OF INB'D. VERT. STIFF.



DETAIL OF VERT'S STIFF AT EXP. TRUNK BHD.



DETAIL OF OUTB'D VERT. STIFF.



TYPICAL DETAIL FOR COFFERDAM BHD.
NOTE-THREE DIAPHRAGMS EACH SIDE.

EQUIPMENT No. 41339

2-BOWER	ANCHORS	STOCKLESS	8100 LBS.
1- "	"	"	7000 " .
1-STREAM	"	"	2870 " .
1-KEDGE	"	"	1260 " .
300 FATHOMS	2⅜" STUD CHAIN CABLE.		
120 "	5" CIRC. STEEL WIRE HAWSER.		
120 "	5½" " " TOWLINE		
400 "	8" " MANILA HAWSERS & WARPS.		

RUDDER STOCK 11½" DIA.
" PLATE 1.12"
" POST 9"×8½"
PROPELLER POST 10½"×8½"
STEM 10½"×2⅞"
} PLAN TO BE SUBMITTED.

TOTAL RUDDER AREA ABAFT ℄ OF PINTLES=179 □' C.G=4'-0"
A÷T.D.=716.
SPEED OF VESSEL IN KNOTS PER HOUR=10.5

BULK OIL STEAMER.

LENGTH B.P. 430'-0" BREADTH 59'-0" DEPTH MLD. 33'-3"
TRANS No. 92.25 LONG'L No. 39694 $\frac{L}{D}$ UPPER DK. 12.94
"ISHERWOOD SYSTEM" (PATENT).

S.S. "S. B. HUNT"

NOTE:
PLAN RETRACED ON ACCOUNT OF BAD CONDITION OF ORIGINAL.

BLUE PRINTS		
PT. No.	DEPT.	No. PTS
50-51	Mail 24 Je 19	2
52	Wave 25 Jun	1
53-55	Mail 3 July 19	3
56	Board 12 Jy 19	1
57	Wake 14 Jy 19	1

MIDSHIP SECTION.
AND
BULKHEAD TYPE PLAN.
SUN SHIPBUILDING Co.
CHESTER PA.

SCALE ½"=1' DRAWN BY R.B. DATE-6-18-19.
APPROVED DR-1-700B-A

A-6001-1

007834-007645-0194

LLOYD'S REGISTER OF SHIPPING
RECEIVED
28 NOV 1917
LONDON

007834-007845-0193

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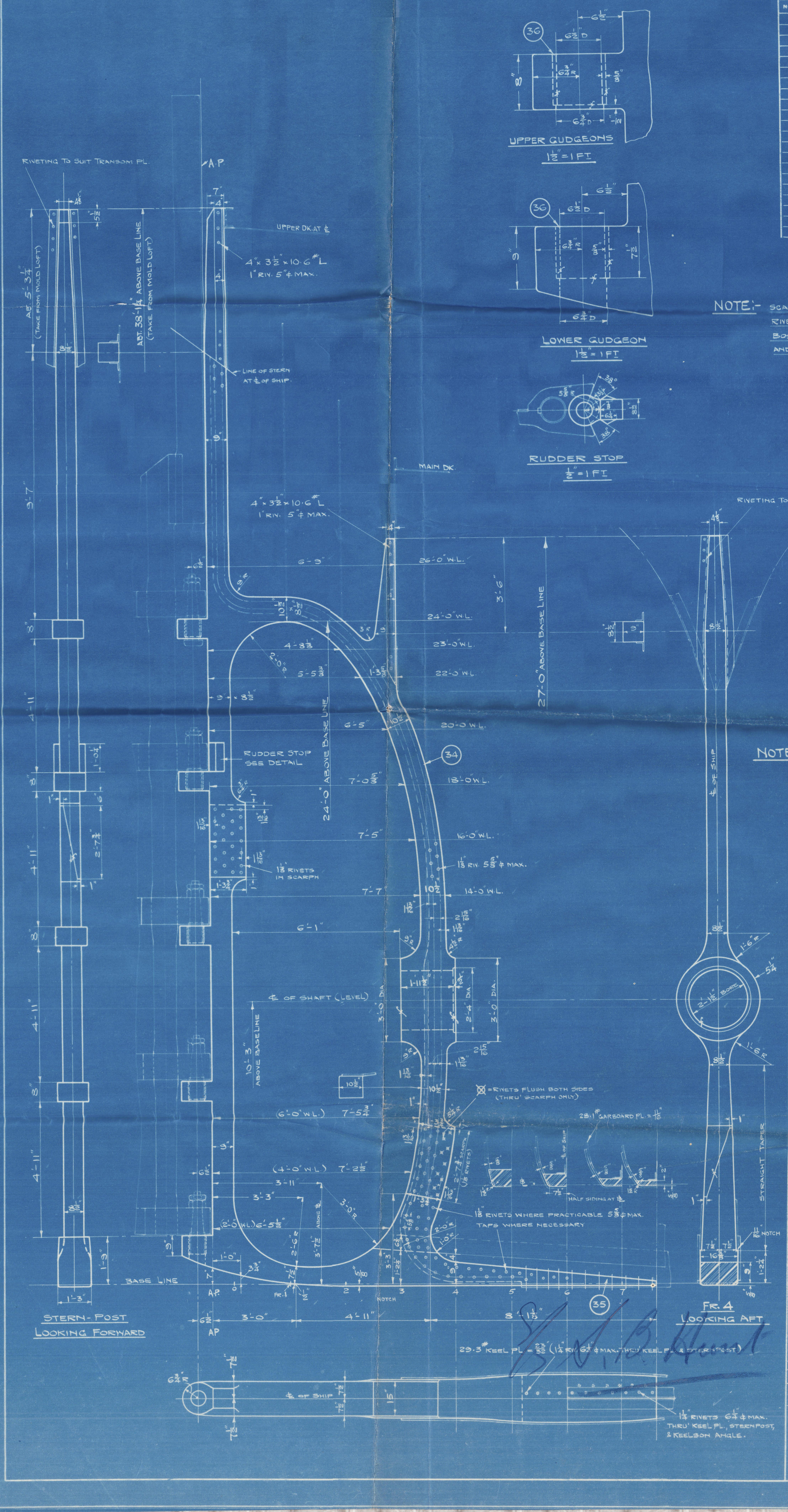
Foundation


UPPER GUDGEONS
1½ = 1 FT
LOWER GUDGEON
1½ = 1 FT
RUDDER STOP
½ = 1 FT
36
6½ D
RIVETING TO SUIT TRANSOM PL.
A.P.
UPPER DK. AT ℄
4" × 3½ × 10.6# L
1" RIV. 5" ⊄ MAX.
AB. 5'-3¼" (TAKE FROM MOLD LOFT)
ABT. 38'-1¼" ABOVE BASE LINE (TAKE FROM MOLD LOFT)
LINE OF STERN AT ℄ OF SHIP.
MAIN DK.
9'-7"
4'-11"
6'-9"
26'-0" W.L.
24'-0" W.L.
23'-0" W.L.
22'-0" W.L.
20'-0" W.L.
18'-0" W.L.
16'-0" W.L.
14'-0" W.L.
27'-0" ABOVE BASE LINE
24'-0" ABOVE BASE LINE
RUDDER STOP SEE DETAIL
34
1⅛" RIVETS IN SCARPH
1⅛" RIV. 5⅝" ⊄ MAX.
℄ OF SHAFT (LEVEL)
10'-3" ABOVE BASE LINE
3'-0" DIA.
2'-4" DIA.
⊗ = RIVETS FLUSH BOTH SIDES (THRU' SCARPH ONLY)
(6'-0" W.L.) 7'-5¾"
(4'-0" W.L.) 7'-2½"
(2'-0" W.L.) 6'-5¾"
28.1# GARBOARD PL. = 11/16"
HALF SIDING AT ℄
1⅛" RIVETS WHERE PRACTICABLE 5⅝" ⊄ MAX.
TAPS WHERE NECESSARY
3'-0" R
BASE LINE
NOTCH
35
3'-0"
4'-11"
8'-1⅛"
29.3# KEEL PL. = 23/32" (1¼" RIV. 6¼" ⊄ MAX. THRU' KEEL PL. & STERNPOST)
℄ OF SHIP
15"
1¼" RIVETS 6¼" ⊄ MAX. THRU' KEEL PL., STERNPOST, & KEELSON ANGLE.
STERN-POST
LOOKING FORWARD
RIVETING TO SUIT FLOOR PL.
℄ OF SHIP
2'-1½" BORE
STRAIGHT TAPER
11/16" NOTCH
FR. 4
LOOKING AFT

S. A. B. Hunt

NOTE:- SCARPHS WILL BE FITTED BY YARD.
RIVET HOLES WILL BE DRILLED BY YARD.
BOSS WILL BE ROUGH BORED AT WETHERILL SHOP
AND FINISHED AFTER ERECTION.

NOTE:- TO PASS LLOYDS TEST.

ALTERATIONS

NO.	DATE	DESCRIPTION	APPROVED

BILL OF MATERIAL

PC. NO.	NAME	NO. PC'S	MATERIAL	DETAIL DRAWING NO.	PATTERN OR DIE NO.	REMARKS
34	STERN POST (UPPER)	1	W. I.			
35	" " (LOWER)	1	"			
36	BUSHING	5	LIGNUM VITAE			

Copie
APPROVED
LLOYDS REGISTER OF SHIPPING
OCT 23 1917
NEW YORK
H. J. Cox.

PLAN PRINTS

PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS
1-4	LLOYDS	4									
5	78	1									
	12-0-17										

HULL DIVISION

STERN-POST

SCALE—ARRANG'T = ½" = 1 FT
SCALE—DETAIL = ½" & 1½" = 1 FT DATE 5-OCT-17

DEL'N	TRACED	CHECKED	APPROVED
A. McL	A. McL	Thos	A. E. Saunders

SUN SHIPBUILDING CO.

CHESTER, PA. U.S.A.

DR. No. 13-704-A

MATERIAL

FOR CONTRACTS
NOS. 13 & 14.

SUN SHIPBUILDING CO.
CHESTER, PA.
BLUE PRINT ROOM
Print No. 3
Made OCT 23 1917
For Dept. Lloyds

B M PRINTS

PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS
1-4	LLOYDS	4									
5	78	1									
	12-0-17										

CHARGE

ACTION

007834-007845-0193

LLOYD'S REGISTER OF SHIPPING
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LONDON

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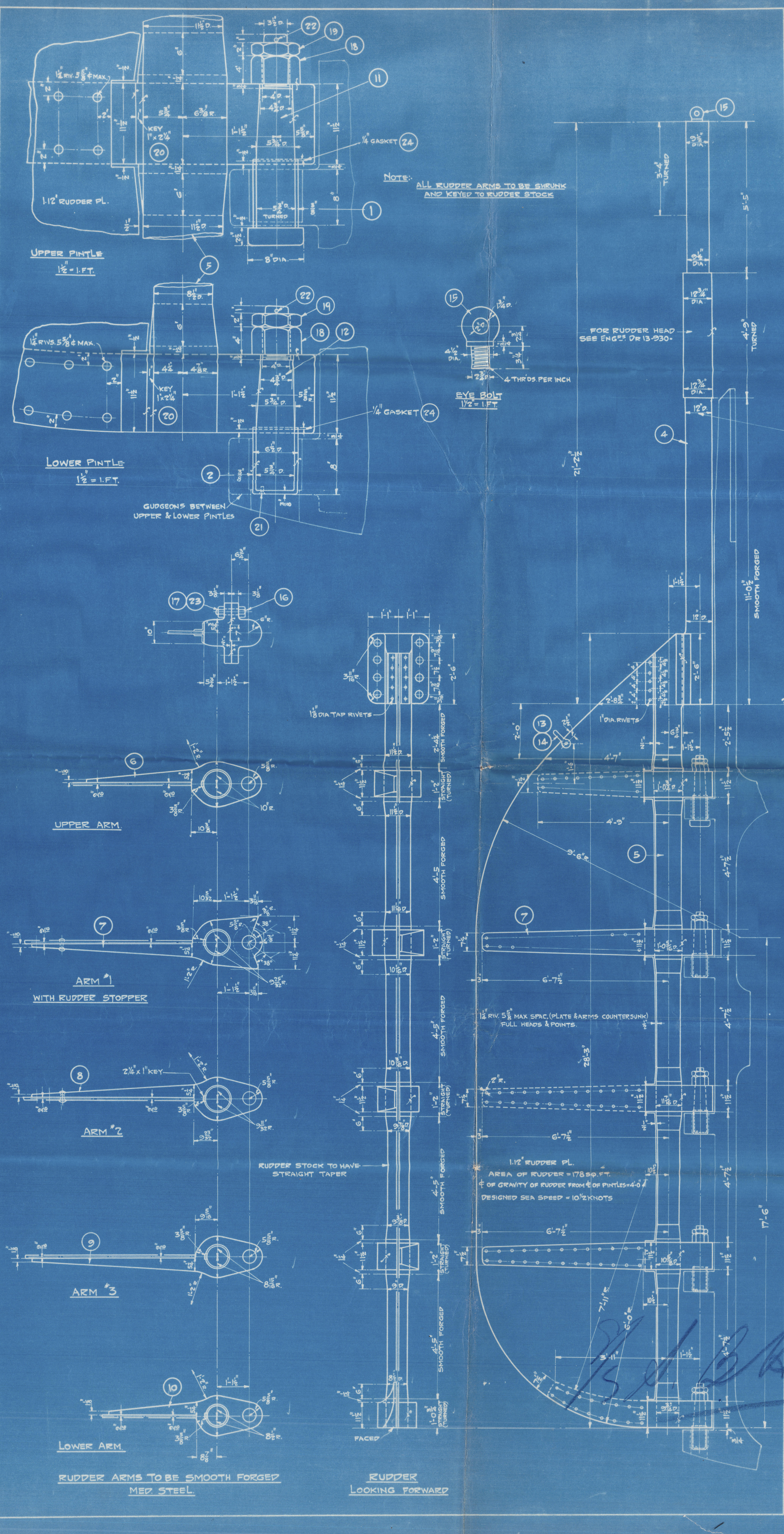
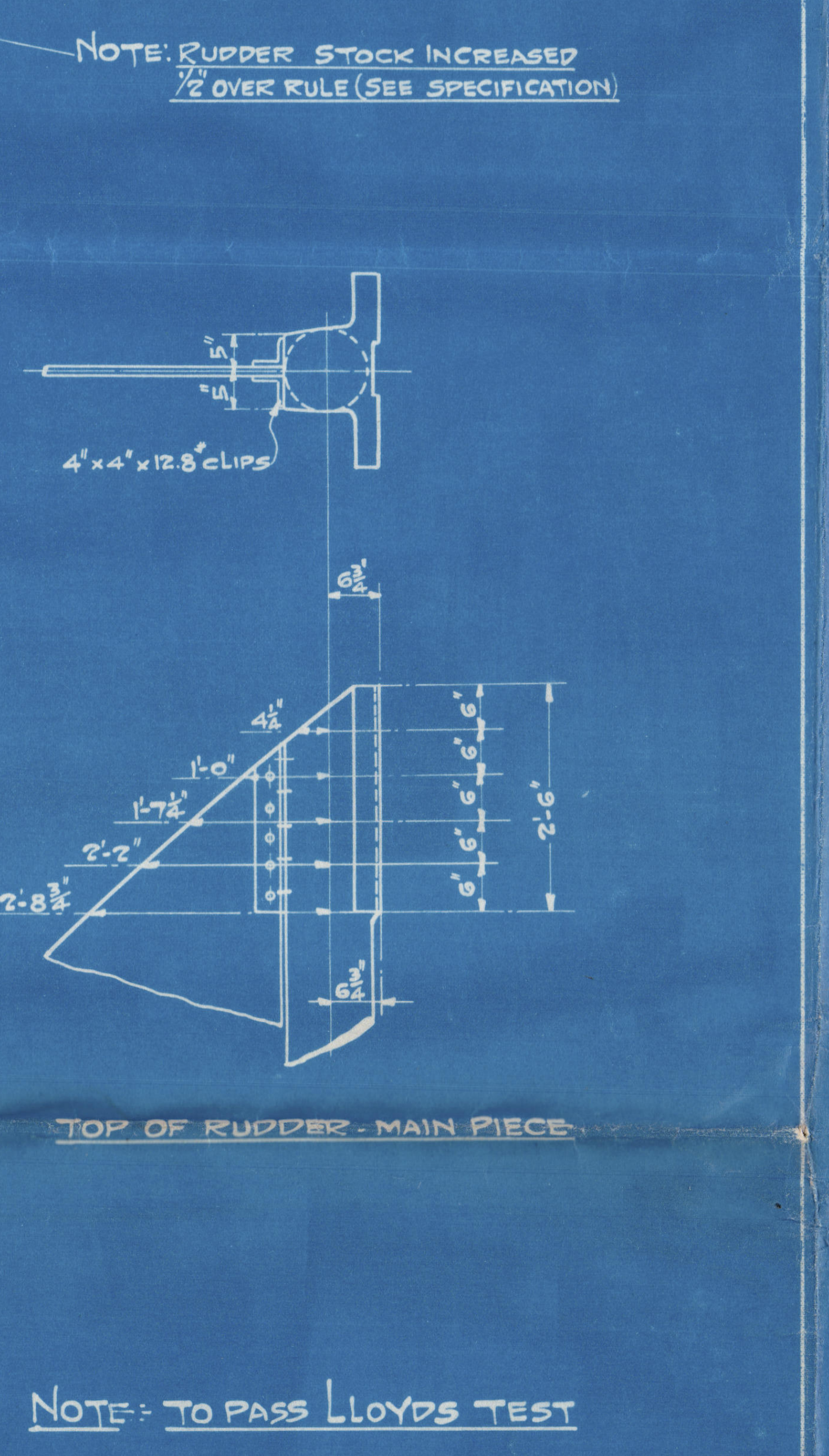

UPPER PINTLE
1½" = 1.FT.
1.12" RUDDER PL.
1¼" RIV. 5⅝" ¢ MAX.
KEY 1" × 2¼"
¼" GASKET
8" DIA.
TURNED
NOTE:- ALL RUDDER ARMS TO BE SHRUNK AND KEYED TO RUDDER STOCK
LOWER PINTLE
1½" = 1.FT.
1¼" RIVS. 5⅝" ¢ MAX.
GUDGEONS BETWEEN UPPER & LOWER PINTLES
EYE BOLT
1½" = 1.FT.
4 THR'DS. PER INCH
FOR RUDDER HEAD SEE ENG'R'S DR 13-930-
TURNED
SMOOTH FORGED
1⅛" DIA TAP RIVETS
1" DIA. RIVETS
UPPER ARM.
ARM #1
WITH RUDDER STOPPER
ARM #2
2¼" × 1" KEY
ARM #3
LOWER ARM
RUDDER ARMS TO BE SMOOTH FORGED MED STEEL
RUDDER STOCK TO HAVE STRAIGHT TAPER
RUDDER
LOOKING FORWARD
FACED
STRAIGHT (TURNED)
1¼" RIV. 5⅝" MAX SPAC. (PLATE & ARMS COUNTERSUNK) FULL HEADS & POINTS.
1.12" RUDDER PL.
AREA OF RUDDER = 178 SQ. FT.
¢ OF GRAVITY OF RUDDER FROM ¢ OF PINTLES = 4'-0"
DESIGNED SEA SPEED = 10½ KNOTS
28'-3"
17'-6"
21'-2½"
11'-0½"


NOTE: RUDDER STOCK INCREASED ½" OVER RULE (SEE SPECIFICATION)
4" × 4" × 12.8# CLIPS
TOP OF RUDDER - MAIN PIECE
NOTE:- TO PASS LLOYDS TEST

ALTERATIONS

NO.	DATE	DESCRIPTION	APPROVED

BILL OF MATERIAL

PC. NO.	NAME	NO. PC'S	MATERIAL	DETAIL DRAWING NO.	PATTERN OR DIE NO.	REMARKS
1	PINTLE BUSHING (UPPER)	1	COMP. "H"		1-704-3	
2	" "	4	"		1-704-4	
3						
4	RUDDER STOCK (UPPER)	1	MED. S.			
5	" " (LOWER)	1	"			
6	" ARM (UPPER)	1	"			
7	" " #1	1	"			
8	" " #2	1	"			
9	" " #3	1	"			
10	" " (LOWER)	1	"			
11	" PINTLE (UPPER)	1	"			
12	" "	4	"			
13	" SHACKLE (TRADE) CHAIN.	1	"			1⅝ DIA. WIRE
14	SHACKLE PIN (")	1	"			1¾" DIA. TO SUIT PC. NO. 13
15	EYE BOLT	1	"			FOR PC. NO. 4.
16	BOLT (COUPLING) HEX HD.	8	"			3⅛" DIA. 9½" LG. U.HD.
17	NUT (") HEX.	8	"			3⅛" TO SUIT PC. NO. 16
18	NUT (PINTLE)	5	"			4" " " " " 11 & 12
19	LOCK NUT (")	5	"			4" " " " " 11 & 12
20	KEY	5	"			1" × 2¼" × 11½" LONG.
21	MACHINE SCREW (CSK. HD.)	4	BRASS			⅜" DIA. ¾" LG. O.A.
22	SPLIT PIN (PINTLE)	5	"			⅜" ", 4¼" " U.HD.
23	" " (COUPLING)	8	"			" ", 5¾" " "
24	GASKET	5	LAMP WICK			FOR PC. NOS. 1 & 2

PLAN PRINTS

PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS
1-4	LLOYDS	4									
5	78	1									
	4-N-17										

HULL DIVISION

RUDDER

SCALE—ARRANG'T = ½" = 1 FT
SCALE—DETAIL = 1½" = 1 FT
DATE 2. NOV. '17

DEL'N	TRACED	CHECKED	APPROVED
J.L.N.	J.L.N.	J.Todd.	A. E. Saunders

SUN SHIPBUILDING CO.
CHESTER, PA. U.S.A.

DR. NO. 13-704-C

MATERIAL

B M PRINTS

PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS	PRINT NO.	DEPT.	NO. PTS
1-4	LLOYDS	4									
5	78	1									
	4-N-17										

FOR CONTRACTS NOS. 13 & 14.

SUN SHIPBUILDING CO.
CHESTER, PA.
BLUE PRINT ROOM
Print No. 4
Made NOV 3 1917
For Dept. Lloyds

CHARGE

ACTION

London
APPROVED
NOV 15 1917
NEW YORK
H. J. Cox.